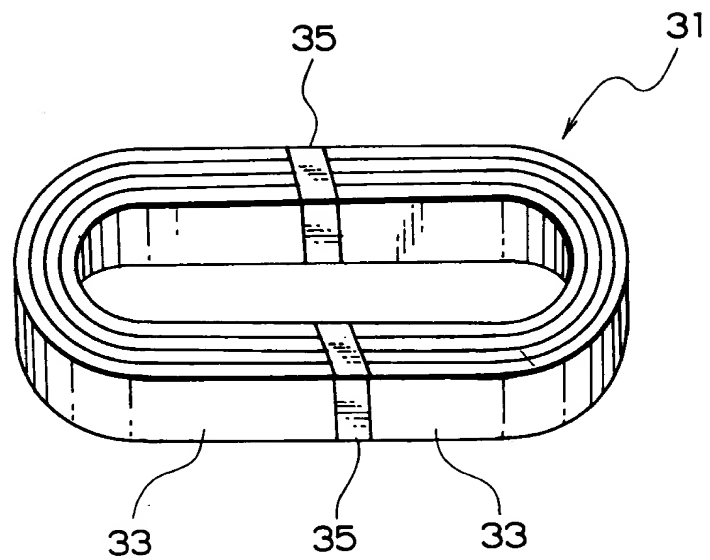

FIG. 1 PRIOR ART

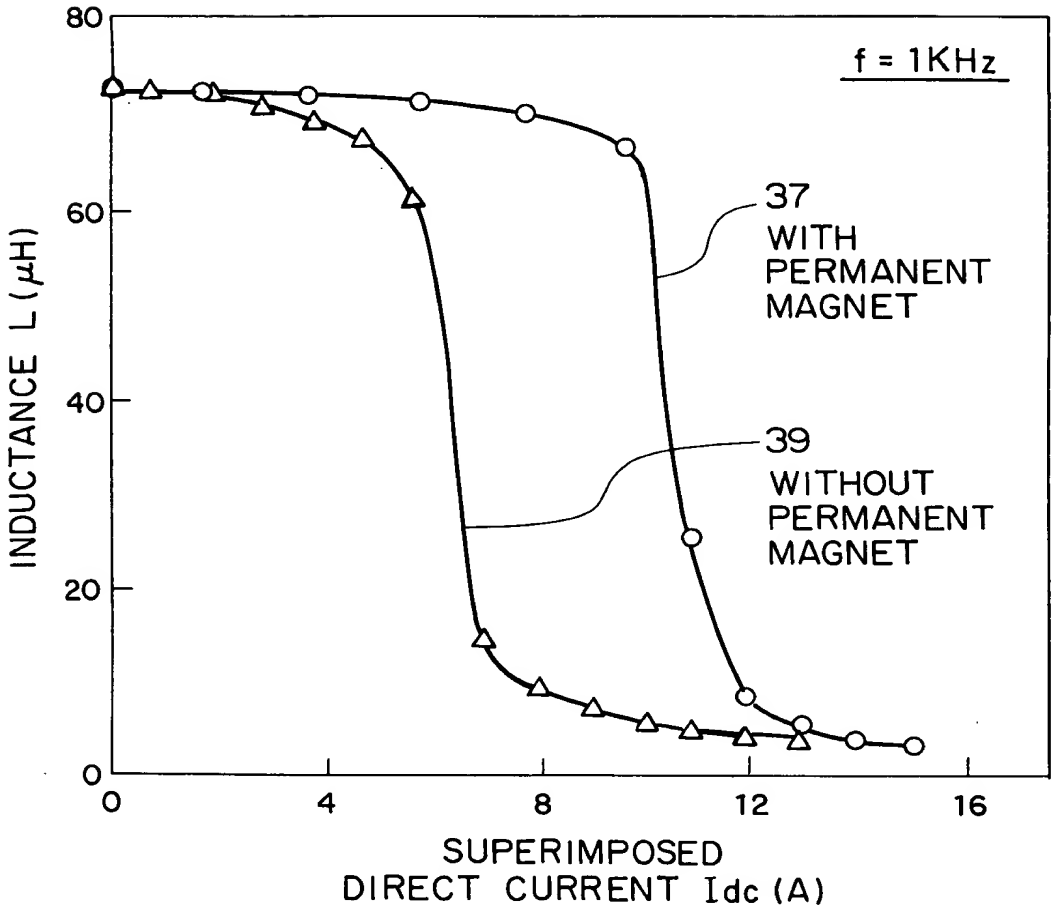

FIG. 2 PRIOR ART

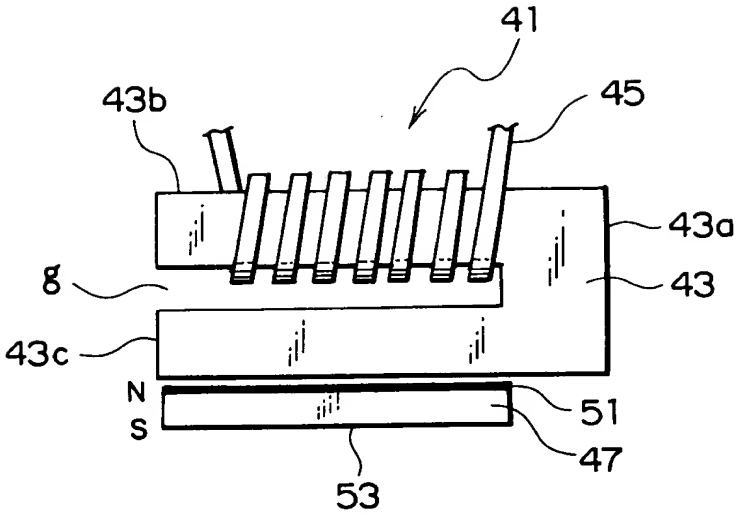

FIG. 3

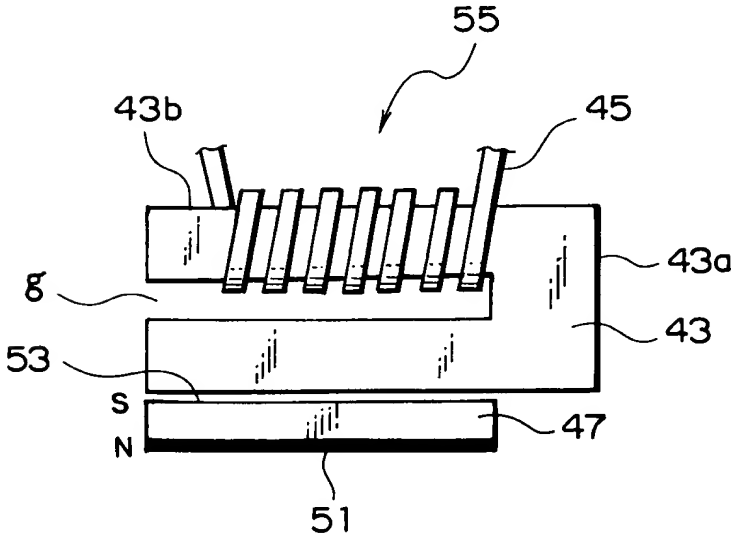

FIG. 4

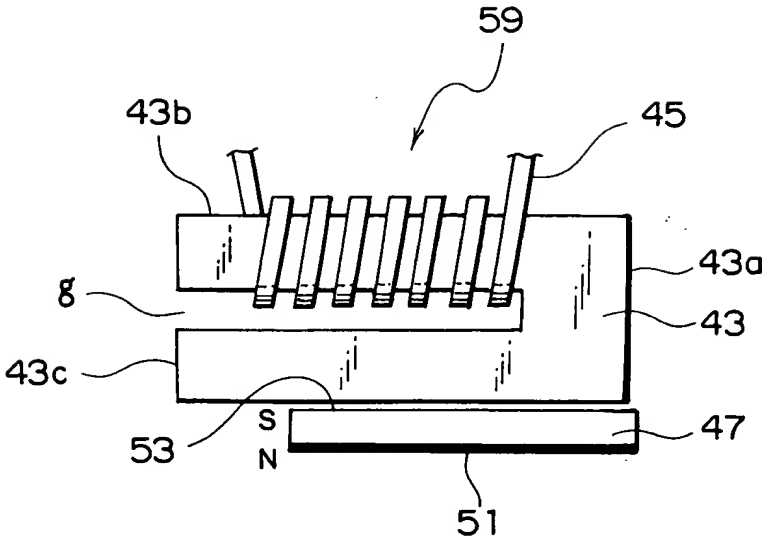

FIG. 5

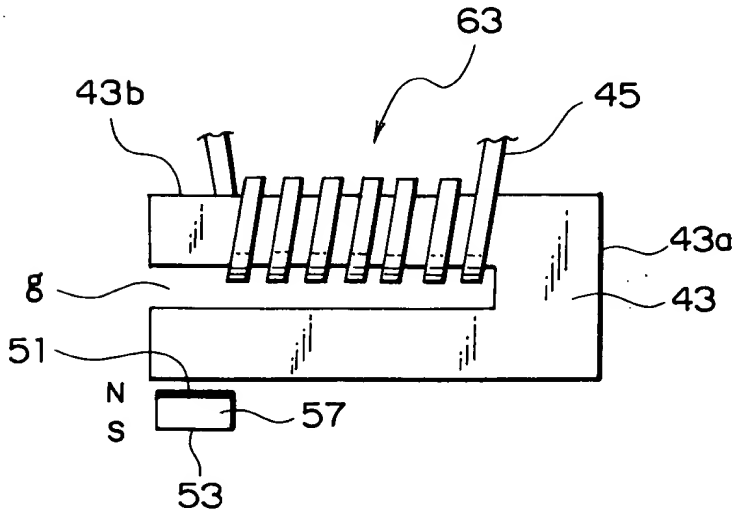

FIG. 6

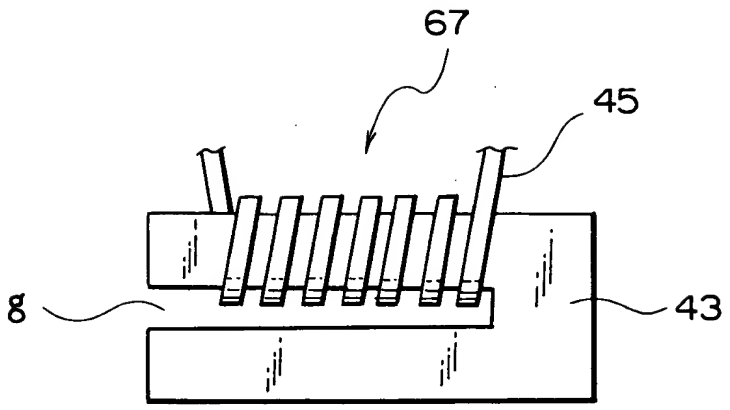

FIG. 7

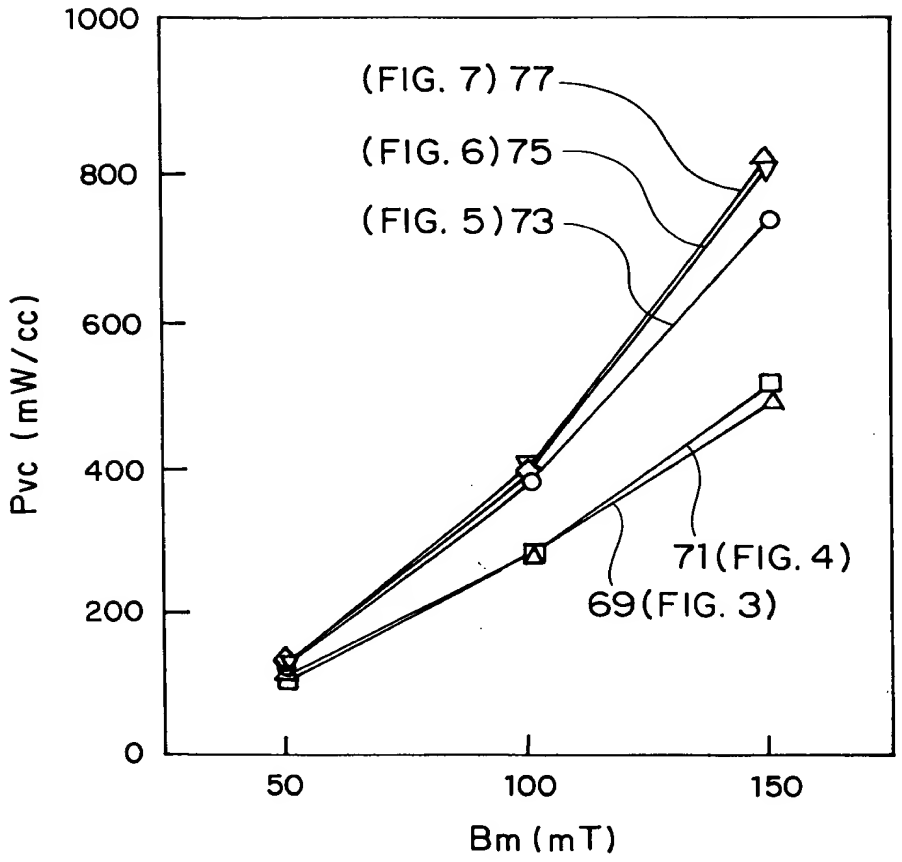
1000
800
600
400
200
0
Pvc (mW/cc)
50
100
150
Bm (mT)
(FIG. 7) 77
(FIG. 6) 75
(FIG. 5) 73
71 (FIG. 4)
69 (FIG. 3)

FIG. 8

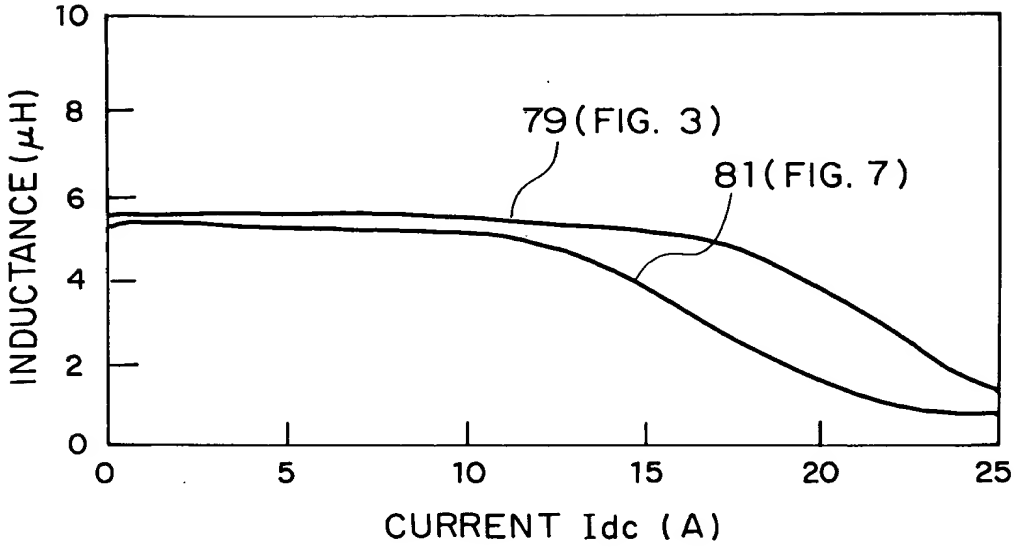
INDUCTANCE (μH)
10
8
6
4
2
0
0
5
10
15
20
25
CURRENT Idc (A)
79 (FIG. 3)
81 (FIG. 7)

FIG. 9

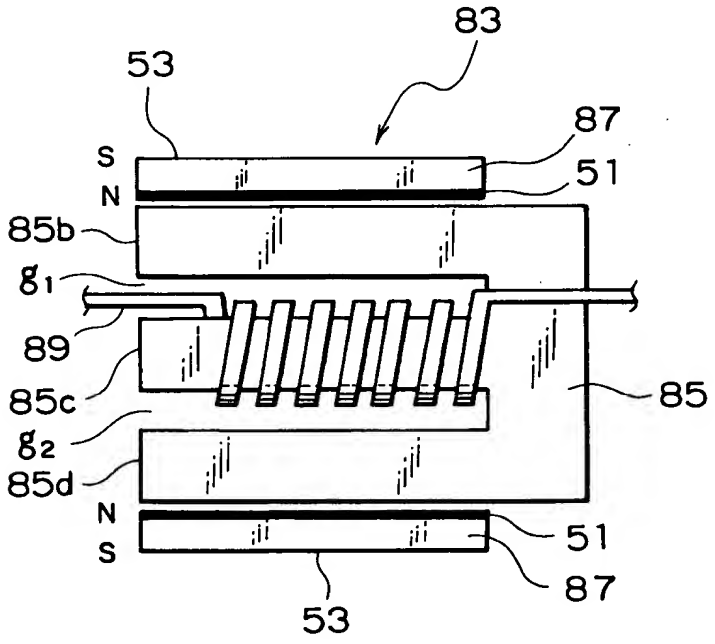
83
53
87
S
N
51
85b
g1
89
85c
85
g2
85d
N
S
51
87
53

FIG. 10

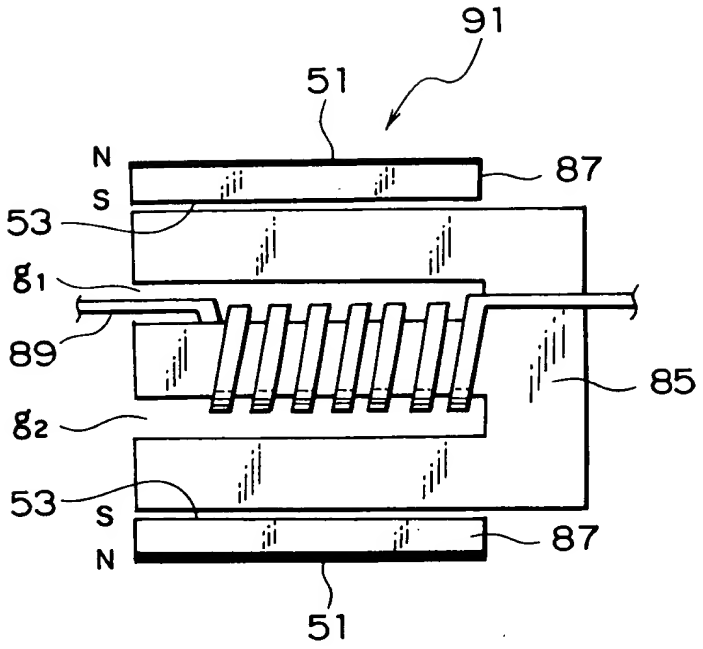
91
51
N
S
87
53
g1
89
85
g2
53
S
N
87
51

FIG. 11

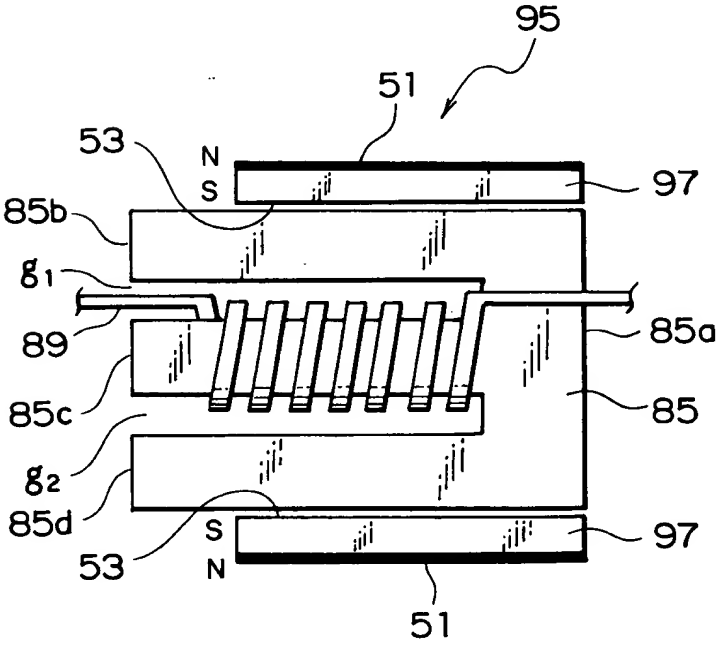
95
51
53
N
S
97
85b
g1
89
85a
85c
85
g2
85d
S
N
53
97
51

FIG. 12

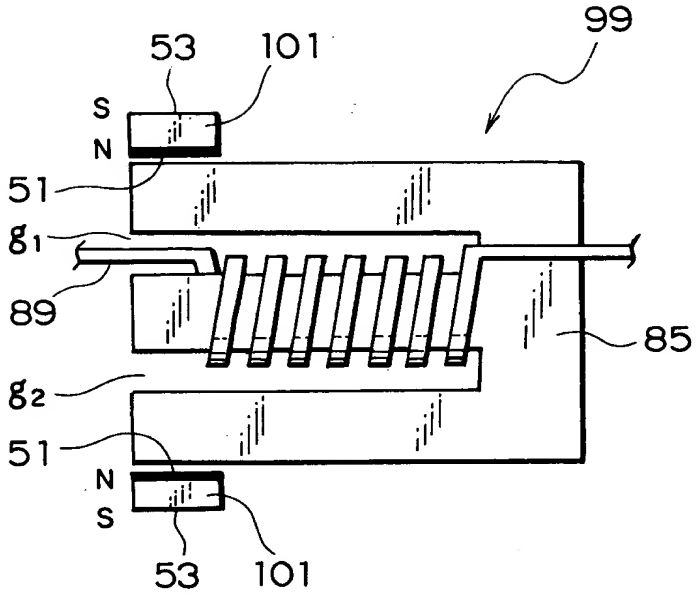

FIG. 13

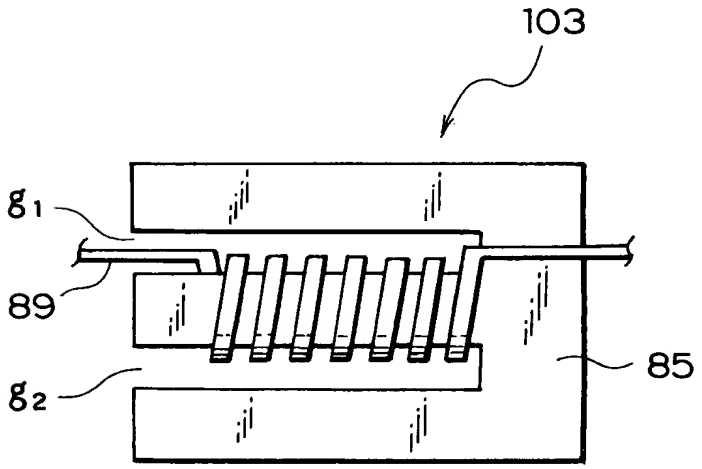

FIG. 14

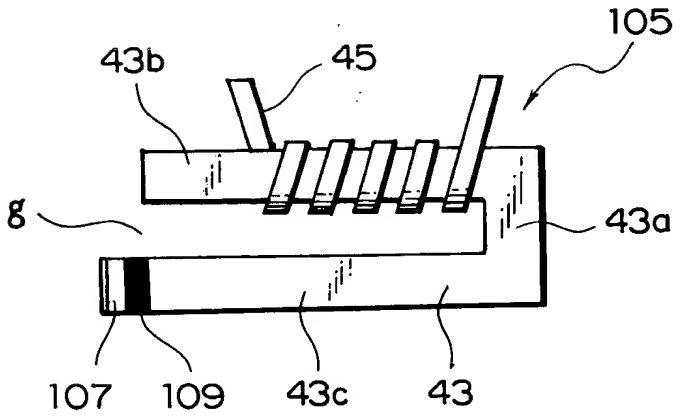

FIG. 15

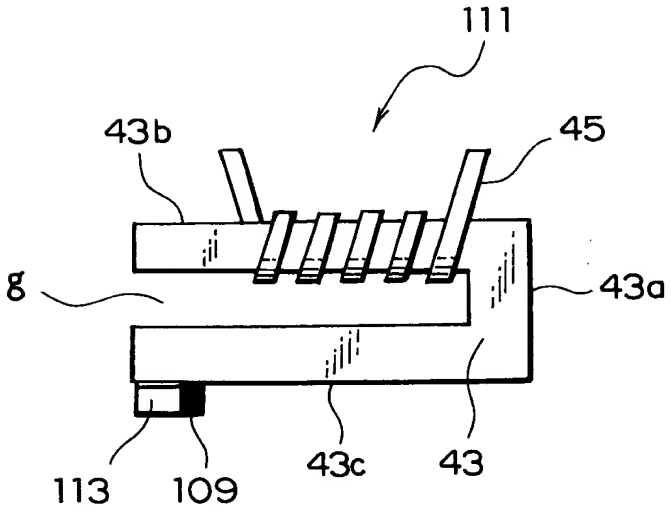

FIG. 16

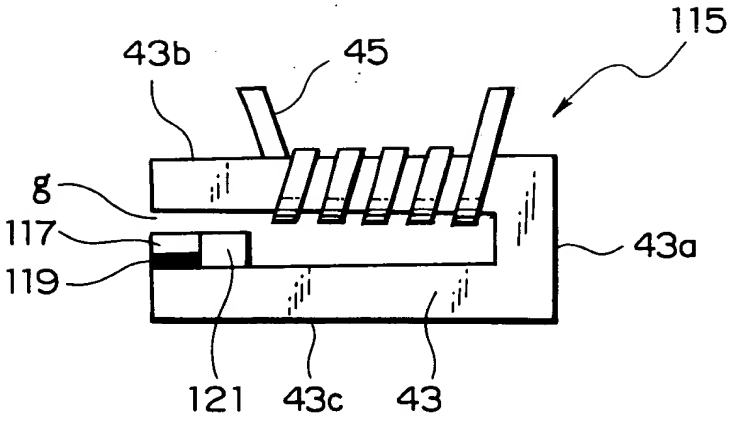
115
43b
45
g
117
119
43a
121
43c
43

FIG. 17

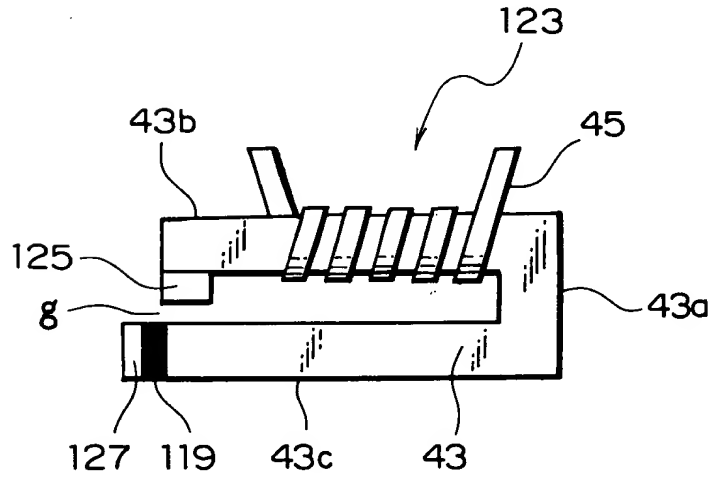
123
43b
45
125
g
43a
127
119
43c
43

FIG. 18

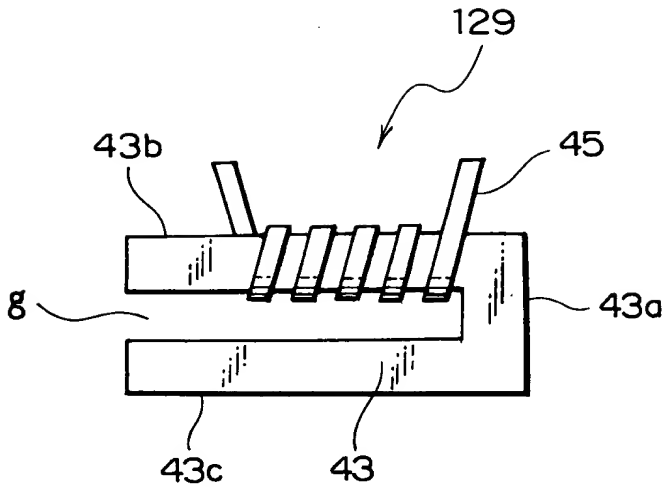

FIG. 19

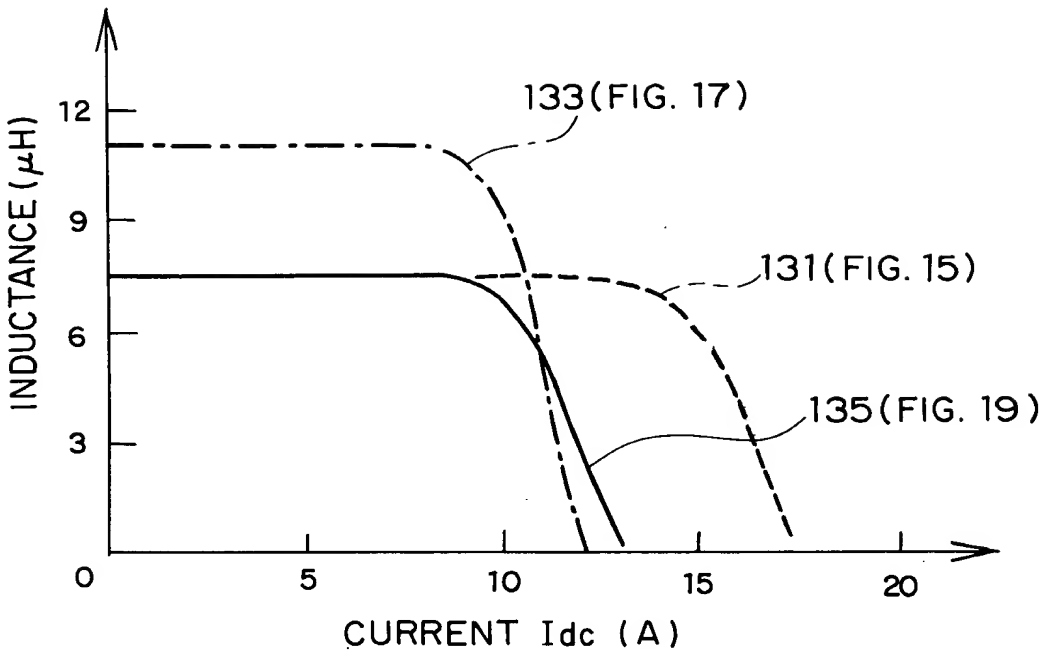
INDUCTANCE (μH)
12
9
6
3
0
5
10
15
20
CURRENT Idc (A)
133(FIG. 17)
131(FIG. 15)
135(FIG. 19)

FIG. 20

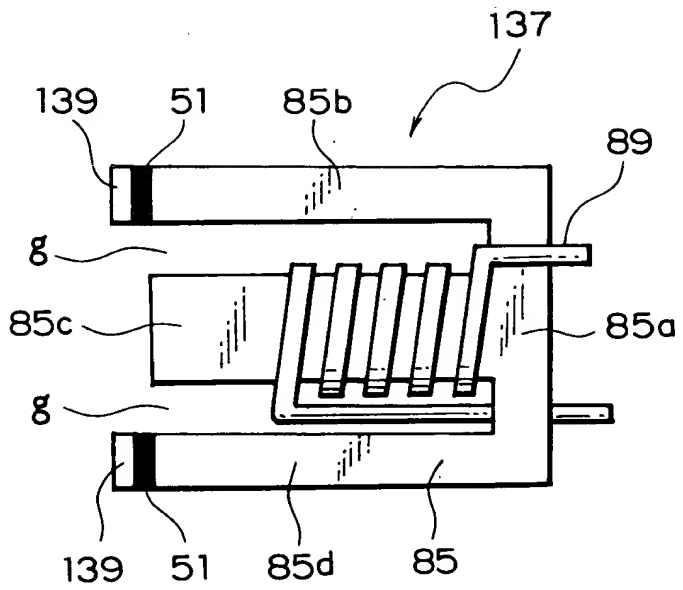
137
139
51
85b
89
g
85c
85a
g
139
51
85d
85

FIG. 21

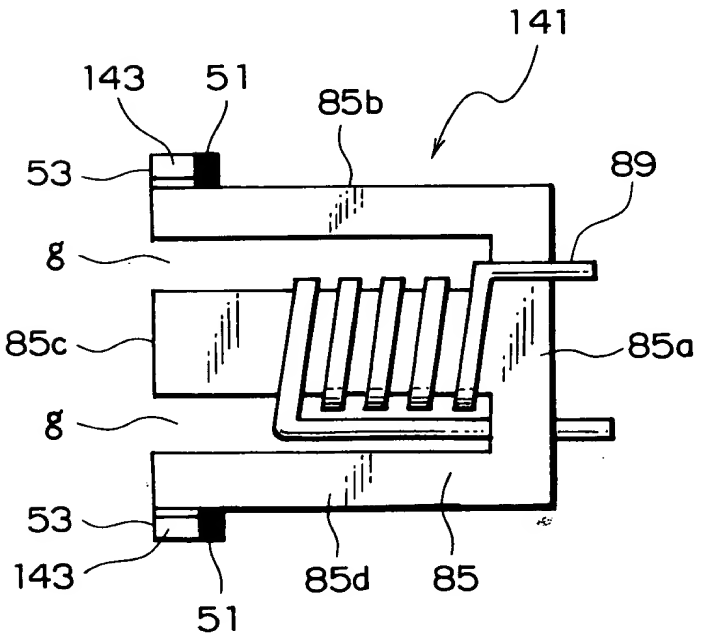
141
143
51
85b
53
89
g
85c
85a
g
53
143
51
85d
85

FIG. 22

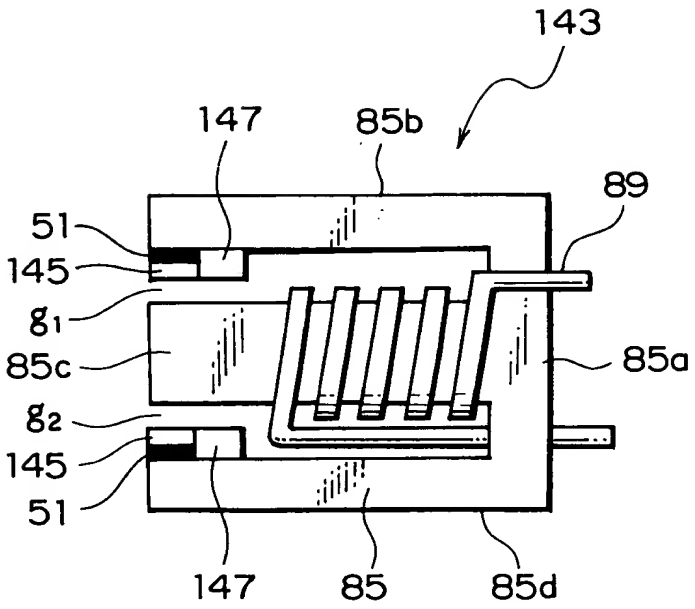
143
147
85b
89
51
145
g_1
85c
85a
g_2
145
51
147
85
85d

FIG. 23

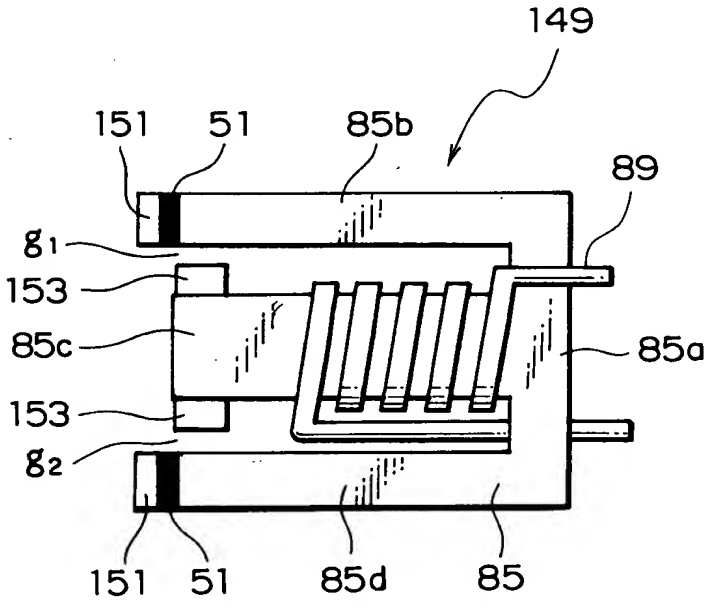
149
151
51
85b
89
g_1
153
85c
85a
153
g_2
151
51
85d
85

FIG. 24

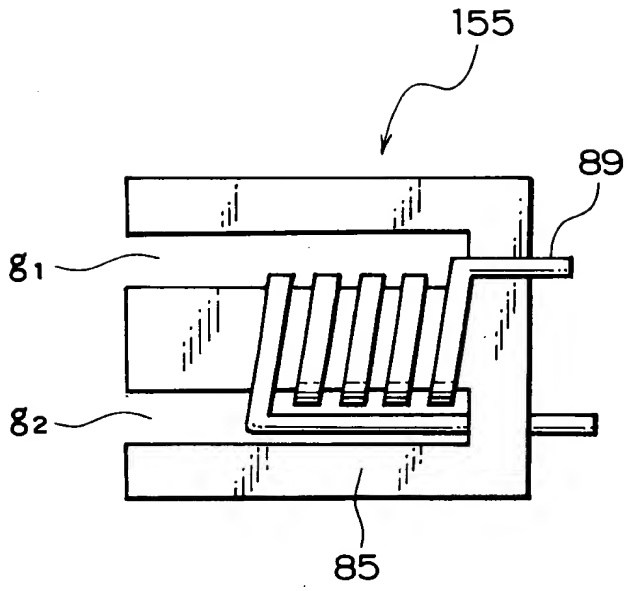

FIG. 25

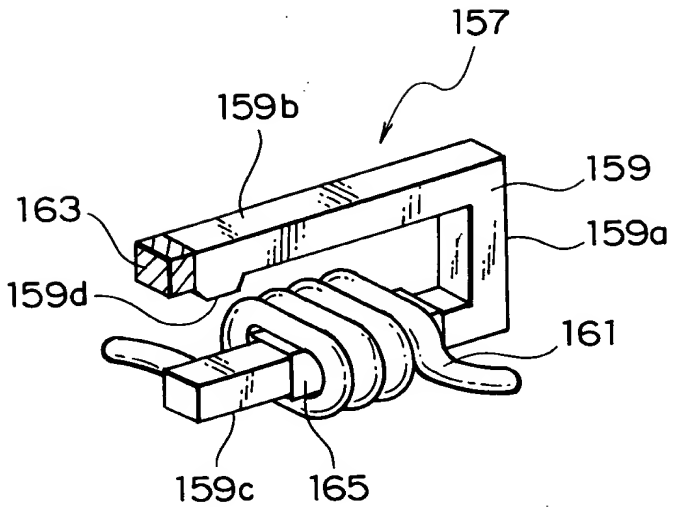

FIG. 26A

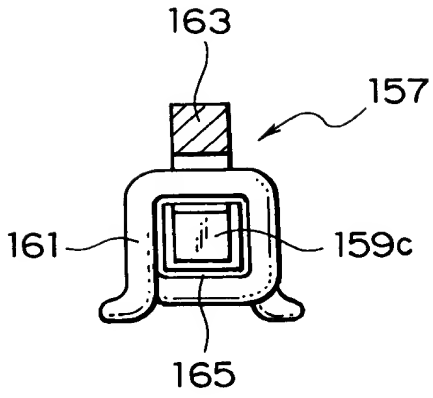

FIG. 26B

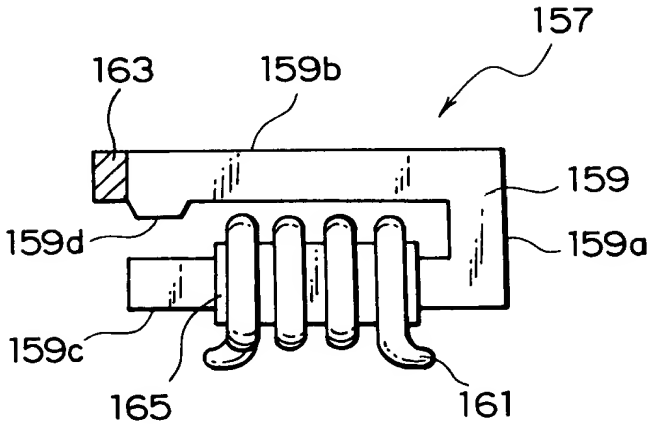

FIG. 26C

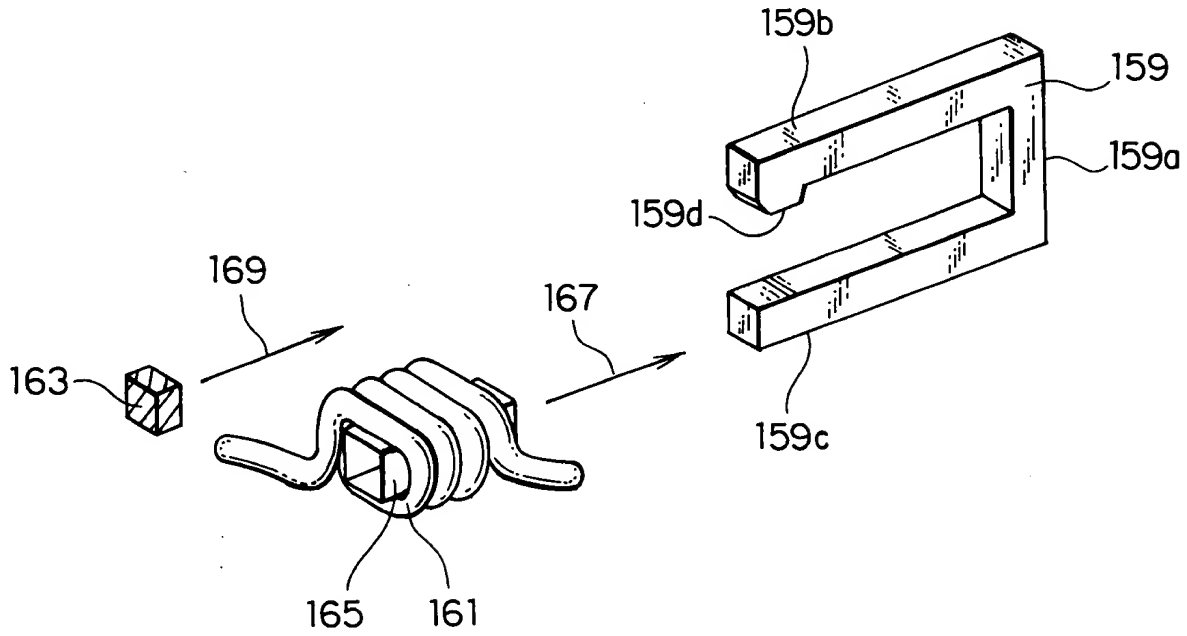

FIG. 27

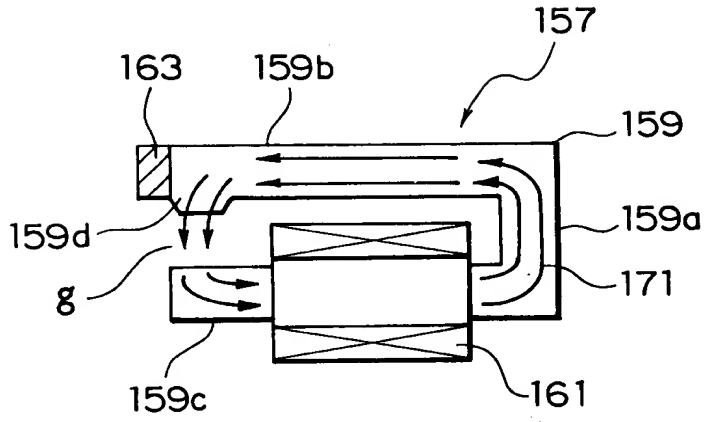
157
163
159b
159
159a
159d
g
171
159c
161

FIG. 28

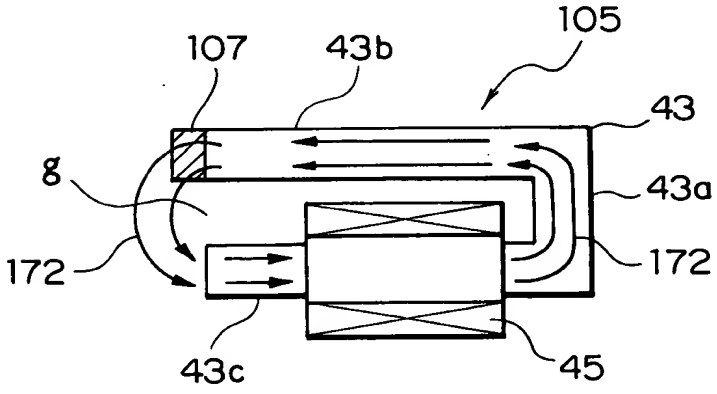
105
107
43b
43
43a
g
172
172
43c
45

FIG. 29